

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b)

I hereby appoint:

☒ Practitioners associated with the Customer Number

34415

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

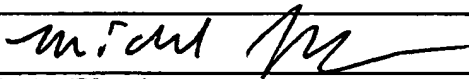
Assignee Name and Address:

Symantec Corporation
20330 Stevens Creek Boulevard
Cupertino, CA 95014

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Michael Schallop		
Signature		Date	3.9.05
Title	Director, IP/Legal Symantec Corporation	Telephone	(408) 517-8297



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Leon Lumelsky

Application/Patent No.: 10/785,637

Filing Date/Issue Date: February 24, 2004

Entitled: Mechanism and technique for dynamically optimizing antenna orientation and transmit power in a meshed network environment

Symantec Corporation, a

Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 15, 2005
Date

(650) 335-7127

Telephone number

Neil F. Maloney

Typed or printed name

[Signature]
Signature

Attorney for Applicant

Title



10010

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



700154980

COPY

MARCH 04, 2005

PTAS

FENWICK & WEST LLP
BRIAN M. HOFFMAN, ESQ.
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/16/2005

REEL/FRAME: 015722/0797
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 20423-01000

ASSIGNOR:

SYMANTEC INTERNATIONAL LIMITED

DOC DATE: 02/15/2005

ASSIGNEE:

SYMANTEC CORPORATION
20330 STEVENS CREEK BLVD.
CUPERTINO, CALIFORNIA 95014

SERIAL NUMBER: 09866297

FILING DATE: 05/25/2001

PATENT NUMBER: 6851050

ISSUE DATE: 02/01/2005

TITLE: PROVIDING SECURE NETWORK ACCESS FOR SHORT-RANGE WIRELESS COMPUTING DEVICES

SERIAL NUMBER: 10688576 FILING DATE: 10/18/2003
PATENT NUMBER: ISSUE DATE:
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09685715 FILING DATE: 10/10/2000
PATENT NUMBER: ISSUE DATE:
TITLE: EXTENSION MECHANISM AND TECHNIQUE FOR ENABLING LOW-POWER END DEVICES TO ACCESS REMOTE NETWORKS USING SHORT-RANGE WIRELESS COMMUNICATIONS MEANS

SERIAL NUMBER: 10785637 FILING DATE: 02/24/2004
PATENT NUMBER: ISSUE DATE:
TITLE: MECHANISM AND TECHNIQUE FOR DYNAMICALLY OPTIMIZING ANTENNA ORIENTATION AND TRANSMIT POWER IN A MESHED NETWORK ENVIRONMENT

SERIAL NUMBER: 09848662 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR ADAPTING SHORT-RANGE WIRELESS ACCESS POINTS FOR PARTICIPATION IN A COORDINATED NETWORKED ENVIRONMENT

SERIAL NUMBER: 09848441 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: LOCATION-AWARE SERVICE PROXIES IN A SHORT-RANGE WIRELESS ENVIRONMENT

SERIAL NUMBER: 09848394 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A PERVASIVE DEVICE

SERIAL NUMBER: 10011538 FILING DATE: 11/13/2001
PATENT NUMBER: ISSUE DATE:
TITLE: ENABLING SECURE COMMUNICATION IN A CLUSTERED OR DISTRIBUTED ARCHITECTURE

SERIAL NUMBER: 10457573 FILING DATE: 06/09/2003
PATENT NUMBER: ISSUE DATE:
TITLE: SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09637742 FILING DATE: 08/11/2000
PATENT NUMBER: 6633761 ISSUE DATE: 10/14/2003
TITLE: ENABLING SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09657745 FILING DATE: 09/08/2000
PATENT NUMBER: 6691227 ISSUE DATE: 02/10/2004
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

015722/0797 PAGE 3

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
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Form PTO-1595

(Rev. 03/01) (modified)

OMB No. 0651-0027 (exp 5/31/2002)

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

U.S. Patent And Trademark Office

To the Honorable Commissioner For Patents: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Symantec International Limited

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: February 15, 2005

2. Name and address of receiving party(ies):

Name: Symantec Corporation

Internal Address:

Street Address: 20330 Stevens Creek Blvd.

City: Cupertino

State: CA Zip: 95014

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

09/866,297; 10/688,576; 09/685,715; 10/785,637;
 09/848,662; 09/848,441; 09/848,394; 10/011,538; 10/457,573

B. Patent No.(s): 6,633,761; 6,691,227

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Brian M. Hoffman, Esq.

Internal Address: Fenwick & West LLP

Street Address: Silicon Valley Center
 801 California Street

City: Mountain View State: CA Zip Code: 94041

6. Total number of applications and patents involved: [11]

7. Total fee (37 CFR 3.41): \$ 440.00

☐ Check Enclosed

☐ Fee Transmittal Enclosed

☒ Charge the indicated fees to the below mentioned deposit account.

8. Deposit Account No.: 19-2555

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian M. Hoffman, 39,713

Name of Person Signing



Signature

February 16, 2005

Date

Total number of pages including cover sheet, attachments, documents: [3]

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, PO Box 1458, Alexandria, VA 22313-1458

Case Docket No.: 20423-01000

20423/01000/SF/5137661.

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Symantec International Limited, an Irish company, having a place of business at Ballycoolin Business Park, Blanchardstown, Dublin 15, Ireland ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to Symantec Corporation, a Delaware corporation, having a place of business at 20330 Stevens Creek Blvd., Cupertino, CA 95014 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following applications and Letters Patents ("PATENT RIGHTS"):

Country:	Patent Application Serial No.:	Title:	Filing Date:
US	09/866,297	Providing Secure Network Access for Short-Range Wireless Computing Devices	May 21, 2001
US	10/688,576	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment	October 20, 2003
US	09/685,715	Extension Mechanism and Technique for Enabling Low-Power End Devices to Access Remote Networks Using Short-Range Wireless Communications Means	October 10, 2000
US	10/785,637	Mechanism and Technique for Dynamically Optimizing Antenna Orientation and Transmit Power in a Meshed Network Environment	February 24, 2004
US	09/848,662	Method and System for Adapting Short-Range Wireless Access Points for Participation in a Coordinated Networked Environment	May 3, 2001
US	09/848,441	Location Aware Service Proxies in a Short-Range Wireless Environment	May 3, 2001
US	09/848,394	Technique for Enabling Remote Data Access and Manipulation From a Pervasive Device	May 3, 2001
US	10/011,538	Enabling Secure Communication in a Clustered or Distributed Architecture	November 13, 2001
US	10/457,573	Seamless User Mobility in a Short-Range Wireless Networking Environment	June 11, 2003

Country:	Letters Patent No.:	Title:	Issue Date:
US	6,633,761	Enabling Seamless User Mobility in a Short-Range Wireless Networking Environment	October 14, 2003
US	6,691,227	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment	February 10, 2004

and;

2. The entire worldwide right, title, and interest in and to:

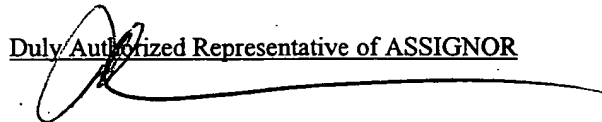
(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Duly Authorized Representative of ASSIGNOR

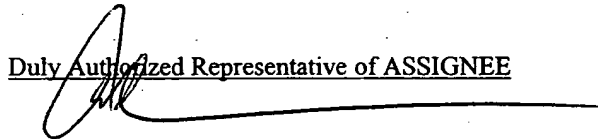
Date of Signature


Arthur Courville
Director
Symantec International Limited
Ballycoolin Business Park
Blanchardstown, Dublin 15
IRELAND

2/15/05, 2005

Duly Authorized Representative of ASSIGNEE

Date of Signature


Arthur Courville
Senior Vice President and General Counsel
Symantec Corporation
20330 Stevens Creek Blvd
Cupertino, CA 95014

2/15/05, 2005



10010
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



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FEBRUARY 24, 2005

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FENWICK & WEST LLP
BRIAN M. HOFFMAN
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

UNITED STATES PATENT AND TRADEMARK OFFICE
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/10/2005

REEL/FRAME: 015698/0943
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

REEFEDGE, INC.

DOC DATE: 01/28/2005

ASSIGNEE:

SYMANTEC CORPORATION
20330 STEVENS CREEK BLVD.
CUPERTINO, CALIFORNIA 95014

ASSIGNEE:

SYMANTEC INTERNATIONAL LIMITED
BALLYCOOLIN BUSINESS PARK
BLANCHARDSTOWN, DUBLIN 15, IRELAND

SERIAL NUMBER: 09866297

FILING DATE: 05/25/2001

PATENT NUMBER: 6851050

ISSUE DATE: 02/01/2005

TITLE: PROVIDING SECURE NETWORK ACCESS FOR SHORT-RANGE WIRELESS COMPUTING DEVICES

SERIAL NUMBER: 10688576 FILING DATE: 10/18/2003
PATENT NUMBER: ISSUE DATE:
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09685715 FILING DATE: 10/10/2000
PATENT NUMBER: ISSUE DATE:
TITLE: EXTENSION MECHANISM AND TECHNIQUE FOR ENABLING LOW-POWER END DEVICES TO ACCESS REMOTE NETWORKS USING SHORT-RANGE WIRELESS COMMUNICATIONS MEANS

SERIAL NUMBER: 10785637 FILING DATE: 02/24/2004
PATENT NUMBER: ISSUE DATE:
TITLE: MECHANISM AND TECHNIQUE FOR DYNAMICALLY OPTIMIZING ANTENNA ORIENTATION AND TRANSMIT POWER IN A MESHED NETWORK ENVIRONMENT

SERIAL NUMBER: 09848662 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR ADAPTING SHORT-RANGE WIRELESS ACCESS POINTS FOR PARTICIPATION IN A COORDINATED NETWORKED ENVIRONMENT

SERIAL NUMBER: 09848441 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
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SERIAL NUMBER: 09848394 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A PERVASIVE DEVICE

SERIAL NUMBER: 10011538 FILING DATE: 11/13/2001
PATENT NUMBER: ISSUE DATE:
TITLE: ENABLING SECURE COMMUNICATION IN A CLUSTERED OR DISTRIBUTED ARCHITECTURE

SERIAL NUMBER: 10457573 FILING DATE: 06/09/2003
PATENT NUMBER: ISSUE DATE:
TITLE: SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09637742 FILING DATE: 08/11/2000
PATENT NUMBER: 6633761 ISSUE DATE: 10/14/2003
TITLE: ENABLING SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09657745 FILING DATE: 09/08/2000
PATENT NUMBER: 6691227 ISSUE DATE: 02/10/2004
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

015698/0943 PAGE 3

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

700153461

Form PTO-1595

(Rev. 03/01) (modified)

OMB No. 0651-0027 (exp 3/31/2002)

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

U.S. Patent And Trademark Office

To the Honorable Commissioner For Patents: Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

ReefEdge, Inc.

Additional name(s) of conveying party(ies) attached?

☐ Yes

☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other:

Execution Date: January 28, 2005

2. Name and address of receiving party(ies):

Name: Symantec Corporation

Internal Address:

Street Address: 20330 Stevens Creek Blvd.

City: Cupertino

State: CA Zip: 95014

Additional name(s) & address(es) attached?

☒ Yes

☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

09/866,297; 10/688,576; 09/685,715; 10/785,637;
09/848,662; 09/848,441; 09/848,394; 10/011,538; 10/457,573

B. Patent No.(s): 6,633,761; 6,691,227

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Brian M. Hoffman, Esq.

Internal Address: Fenwick & West LLP

Street Address: Silicon Valley Center
801 California Street

City: Mountain View State: CA Zip Code: 94041

6. Total number of applications and patents involved: [11]

7. Total fee (37 CFR 3.41): \$ 440.00

☐ Check Enclosed

☐ Fee Transmittal Enclosed

☒ Charge the indicated fees to the below mentioned deposit account.

8. Deposit Account No.: 19-2555

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian M. Hoffman, 39,713

Name of Person Signing

Signature

February 10, 2005

Date

Total number of pages including cover sheet, attachments, documents: [5]

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, PO Box 1498, Alexandria, VA 22313-1498

Case Docket No.: 20423-01000

20423/01000/SF/5137294.

ADDITIONAL NAME AND ADDRESS OF RECEIVING PARTY

Name and address of receiving party(ies):

Name: Symantec International Limited

Internal Address:

Street Address: Ballycoolin Business Park

City: Blanchardstown, Dublin 15, Ireland

State: Zip

Additional name(s) & address(es) attached?

☐ Yes ☒ No

PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "Assignment") is entered into by ReefEdge, Inc., Delaware corporation, having a place of business located at Two Executive Drive, Suite 600, Fort Lee, New Jersey 07024 ("Assignor"), as assignor, in favor of Symantec Corporation, a Delaware corporation, having a place of business located at 20330 Stevens Creek Blvd, Cupertino, CA 95014 and Symantec International Limited, an Irish company with its corporate offices at Ballycoolin Business Park, Blanchardstown, Dublin 15, Ireland (collectively "Assignee"), as assignee, with reference to the following facts and circumstances:

Assignor and Assignee have entered into that certain Asset Purchase Agreement dated as of January 31, 2005 (the "Asset Purchase Agreement"), which, along with the promises contained herein, constitute mutual consideration for the promises herein;

Assignor is the sole and exclusive owner of the Letters Patents and applications in the United States (hereinafter the "Patents") as shown on the attached Exhibit 1.

Assignee desires to acquire, and Assignor desires to assign, Assignor's right, title and interest in, to and under the Patents as provided in the Asset Purchase Agreement.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration the receipt and adequacy of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee the Patents listed in Exhibit 1 attached hereto, together with all patents, patent applications, patent rights (including all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; provisional patent applications that are or will be continuations or continuations in part of such patents and applications foreign counterparts to any of the foregoing including utility models; and the right to sue and recover for past infringement).

Assignor further warrants that it has not executed, and will not execute, any agreements in conflict with or inconsistent with this assignment.

In testimony whereof, Assignor has caused this Assignment to be executed by its officer(s) thereunto duly authorized.

ASSIGNOR
ReefEdge, Inc.

Dated: 01/28/05

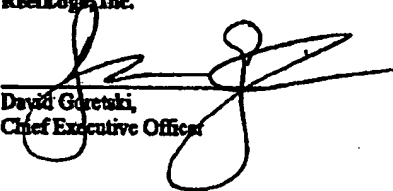

David Guretski,
Chief Executive Officer

EXHIBIT 1 TO PATENT ASSIGNMENT**UNITED STATES ISSUED PATENTS**

Serial No.	Filing Date	Title
6,633,761 (09/637,742)	Aug. 11, 2000	Enabling Seamless User Mobility in a Short-Range Wireless Networking Environment
6,691,227 (09/657,745)	September 10, 2000	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment

UNITED STATES PENDING PATENT APPLICATIONS

Serial No.	Filing Date	Title
09/866,297 (divisional of 09/657,745)	May 21, 2001	Providing Secure Network Access for short-range wireless computing devices
10/688,576 (continuation of 09/657,745)	October 20, 2003	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment
09/685,715	October 10, 2000	Extension Mechanism and Technique for Enabling Low-Power End Devices To Access Remote Networks using Short-Range Wireless Communications means
10/785,637 (divisional of 09/685,715)	February 24 2004	Mechanism and Technique for Dynamically Optimizing Antenna Orientation and Transmit Power in a Meshed Network Environment
09/848,662	May 3, 2001	Method and System for Adapting Short-Range Wireless Access Points for Participation in a Coordinated Networked Environment

09/848,441	May 3, 2001	Location Aware Service Proxies in a Short-Range Wireless Environment
09/848,394	May 3, 2001	Technique for Enabling Remote Data Access and Manipulation from a Pervasive Device
10/011,538	Nov. 13, 2001	Enabling Secure Communication in a Clustered or Distributed Architecture
10/457,573 (divisional of 09/637,742)	June 11, 2003	Seamless User Mobility in a Short-Range Wireless Networking Environment



UNITED STATES DEPARTMENT OF COMMERCE
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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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JANUARY 04, 2001

PTAS

LAW OFFICES OF MARCIA L. DOUBET
MARCIA L. DOUBET
5228 WESTMINSTER LANE
FUQUAY-VARINA, NC 27526



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/10/2000

REEL/FRAME: 011205/0980
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
LUMELSKY, LEON

DOC DATE: 10/05/2000

ASSIGNEE:
REEFEDGE, INC.
96 LINWOOD PLAZA PMB 505
FORT LEE, NEW JERSEY 07024

SERIAL NUMBER: 09685715
PATENT NUMBER:

FILING DATE: 10/10/2000
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECORDED 10/10/2000

10/10/2000

FORM PTO-1619A
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11-08-2000



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U.S. Department of Commerce
Patent and Trademark Office
PATENT

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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Lumelsky, Leon

Execution Date
Month Day Year
10052000

Name (line 2) _____

Second Party

Name (line 1) 09685715

Execution Date
Month Day Year
7

Name (line 2) _____

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) ReefEdge, Inc.

Name (line 2) a Corporation of Delaware

Address (line 1) 96 Linwood Plaza PMB 505

Address (line 2) _____

Address (line 3) Fort Lee

NJ / USA

07024

City

State/Country

Zip Code

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Correspondent Name and Address

Area Code and Telephone Number **(919) 557-3827**

Name **Marcia L. Doubet**

Address (line 1) **Law Office of Marcia L. Doubet**

Address (line 2) **5228 Westminster Lane**

Address (line 3) **Fuquay-Varina, NC 27526**

Address (line 4)

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
10052000

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

501525

Authorization to charge additional fees:

Yes ☒ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Marcia L. Doubet
Name of Person Signing

Marcia L. Doubet
Signature

October 10, 2000
Date

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, the undersigned Leon Lumelsky, whose full postal address is given below, hereafter referred to as Applicant, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled **EXTENSION MECHANISM AND TECHNIQUE FOR ENABLING LOW-POWER END DEVICES TO ACCESS REMOTE NETWORKS USING SHORT-RANGE WIRELESS COMMUNICATIONS MEANS**, executed on even date herewith, and

WHEREAS, ReefEdge, Inc., a corporation whose full postal address is 96 Linwood Plaza PMB 505, Fort Lee, New Jersey, United States of America, herein (together with any successors, legal representatives, and/or assignees thereof) referred to as Assignee, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the Applicant, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right, title, and interest in and to the said improvements and said application (and all divisions, substitutions, continuations, and continuations-in-part thereof) in the United States and the entire right, title and interest in and to any and all Patents (including all re-issues, renewals, and extensions thereof) which may be granted therefor in the United States; and I hereby authorize and request the United States Commissioner of Patents and Trademarks to issue all said Patents to said Assignee, of the entire right, title, and interest in and to the same, for Assignee's sole use and behoof, and for the use and behoof of Assignee's legal representatives, to the full end of the term for which said Patents may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made;

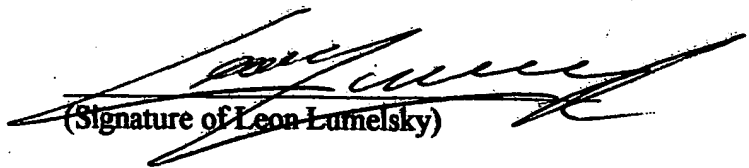
AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I hereby further covenant and agree that I will communicate to Assignee any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, continuation, continuation-in-part and re-issue applications, make all rightful oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements.

Executed this 05 day of October, 2000, at Fort Lee, N.J.

Signature of Leon Lumelsky, along with full postal address thereof, follows:

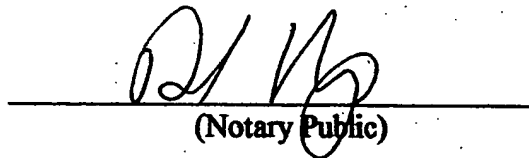
By Leon Lumelsky, whose full postal address is 30 Gaxton Road, Stamford, Connecticut, 06905.


(Signature of Leon Lumelsky)

State of New Jersey) SS.
County of Bergen)

On this 5 day of October, 2000, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared said Leon Lumelsky, who is known or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

Seal


(Notary Public)